

Title (en)
Bicycle hub

Title (de)
Fahrradnabe

Title (fr)
Moyeu de bicyclette

Publication
EP 1437235 A3 20050406 (EN)

Application
EP 04000350 A 20040109

Priority
JP 2003002753 A 20030109

Abstract (en)
[origin: EP1437235A2] A front hub 30 is configured to suppress deformation in a disc rotor even if the disc rotor is made thinner and more lightweight, and to suppress wobbling in a braking surface. The front hub 30 has a hub axle 40, a hub shell 41, two bearings 42 and 43, and a brake mount 45. The hub shell 41 has spoke attachment parts with spoke attachment holes 51c and 51d disposed at both ends for attaching a plurality of spokes. The brake mount 45 has a rotor attachment unit 52 for attaching a disc rotor 25f of a disc brake 18f. The rotor attachment unit 52 is integrally formed with a first spoke attachment part and is disposed radially farther out than the minimum radial position at which the spokes are attached.
<IMAGE>
[origin: EP1437235A2] The hub has a hub axle (40), two bearings (42,43), and a hub shell (41) having two arms (51a,51b) with spoke attachment holes (51c,51d) for attaching spokes. A brake mount (45) has a rotor attachment unit (52) attaching a disc rotor (25f) of a disc brake. The unit is integrally formed with the arm (51a) and is disposed radially farther out than a minimum radial position at which the spokes are attached.

IPC 1-7
B60B 27/02

IPC 8 full level
B60B 1/04 (2006.01); **B60B 27/02** (2006.01); **F16D 65/12** (2006.01)

CPC (source: EP US)
B60B 27/0005 (2013.01 - EP US); **B60B 27/0052** (2013.01 - EP US); **B60B 27/0078** (2013.01 - EP US); **B60B 27/026** (2013.01 - EP US); **F16D 65/12** (2013.01 - EP US); **F16D 2065/1348** (2013.01 - EP US); **F16D 2065/1384** (2013.01 - EP US)

Citation (search report)
• [XY] FR 2783491 A1 20000324 - MAVIC SA [FR]
• [DX] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 26 1 July 2002 (2002-07-01)
• [XY] PATENT ABSTRACTS OF JAPAN vol. 017, no. 664 (M - 1523) 8 December 1993 (1993-12-08)
• [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 168 (M - 1391) 31 March 1993 (1993-03-31)
• [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 02 29 February 2000 (2000-02-29)

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EP1894743A3; DE102008026700B4; EP1953007A1; EP1953008A1; US7874625B2; US7537291B2; US9457868B2

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DOCDB simple family (application)
EP 04000350 A 20040109; CN 200410001483 A 20040108; JP 2003002753 A 20030109; TW 92136267 A 20031219; US 74561703 A 20031229